FLOWERS AS USUAL THIS YEAR PREPARE FOR SPRING WORK

gant outlay of money on gardening. Much can be done without great ex- yield and the quality of their crops. perse, the individual of course being

Was gone to war and for whom work so the supply for the sick will be shift in the garden has already been and sic, freely distributed to every alling will be one of the best possible re- man. sources. Where people have done. I never was very enthusiastic about what they could, according to their sending flowers to deceased friends. parion than gardening.

grown a vegetable will want a flower, the first opportunity. and there will be a wave of popular. It is remarkable how a bunch of gardening that no one can withstand. Howers will righten and theer. More

Gardens are absolutely necessary, trees, v not only vegetable but flower gardens in all England so pour as not to own ished as about the only cheerful thing. the one bright spot in an otherwise deary life.

I know more than one hardworking than and woman who after a day of evere toil goes home in summer and attends to the requirements of a little The next morning they are up and out with the hoe or watering

FLOUR IS HIGH

Why not live he ex atol as in the Migni-Grind your Whese in a fine Migni-Whese to Grind your Whese to the Migni-Knows how healthy these are liske the BEST Corn Meal, the philipships are to buy at any print towariars. The all sorts of fine or course grinting with an

APACHE MILL

This Mill Makes Best Com Meal Cracks Peas, Grinds Coffee States, el-Perfect adjustation for flue or coarse work. Will send Mill prepaid \$7.50 by Express for only APACHE Office Milit Largest en-pacity, faviest plealing easiest turning handmill. Does mure layer tonger.

A. H. PATCH, Inc., Clarksville, Tonn The Black Hawk Corn Sheller Insenter



Sample 15c.

Perfection Garden Seeder

Sows all kinds of flower and small garden seeds accurately, evenly and every year and so do the agricultural at uniform depth. Especially adapted for hotbeds and green-houses; also, for small gardens. One person with

Perfection Drill and Seeder will do as much work as six can do by hand, and it will be much better of capital in some cases and want of done, saving seed and time in thinning. Pays for itself quickly in of this, then, as possible. seed saved. Adjustable for differof your seeder. Descriptive circular others happy.

Osmundson Spade Mfg. Co. The Horticultural Society of New

PERRY, IOWA.

Belicious Mince Meat as made in our family for over a hundred years; twelve quarts for \$11, selivered through your grocer. Mrs. F. E. PERKINS, Burlington, Yt.

HONEY BUCKWHEAT or Clover, 5 lb. pall \$1.50; 10 lb. pall \$2.50 postpaid. Our own base product. THE BEROY TAYLOR Pure Country Hency 10 ib buriet 88.00.
by purcel post; satisfaction State, delivered by purcel post; satisfaction Statement. Pa.
J. Strittmatter & Wife. Elementur. Pa.

Mrs. Francis King in writing a can before starting for the regular friend save: "If we give up flower work of the day. Why should these plants and seeds required, and make provision for them early.

The New York State College of Ag
In Newark, N. J., manure was spread; ful winter shrub. I have seen a snow plants and other bulbs that have contact the number of the num ature, of music and of art. are growing as many vegetables as "This is not a time for an extrava- possible on their little plots as a matter of necessity, priding themselves on the

We need not only flower gardens the only judge as to what should be as usual this year but more flowers than ever. Soon our wounded and sick "To show how I feel myself I soldiers will be returning and nothing planted last autumn a little garden should be too good for those brave a young daughter whose husband fellows. i.e. us have pleaty of flowers to a warm place at night.

means, by loss subscriptions and have in a limited way there can be no ob- and window garden, and nearly all worked and are working for the suc- lection. For many years I have urged cess of our arms I count fancy a the use of flowers freely white people more suitable or more valuable occu- are living and can enjoy them. Why make cuttings and propagate. deprive sick friends of flowers, say-P. Wright, a Bruish authority, ing our gifts until after they have says in a recent book that 'gardening passed away and are unable to appreis sure to burst forth with renewed clate what we have done? My plan vigor after the war. Whoever has is to send flowers to sick friends at

by all means and make new gardens, sending some sick man a bouquet. They will be needed in more ways than Flowers ware all right for women, but one, and gardeners will be better pre- men would not care for them. I never cases an improvement in the patient "If England can keep on gard ning was noticed soon after the arrival of key rings, on to the wire.

As she has and will always. God wil- the gift.

It is had practice to cut

eritated an actual movement in any neautiful homes, with attractive
America?" lawns, groups of shrubbery, shade i bulb beds tulips and hyacinths in the early spring followed by few pots of plants which are ther- v. J. Albany, Rochester and Buffalo

V. Y., and towns throughout New Ungland and the West only the homes the few were ornamented in the manner that many homes of laboring people are to-day, and at that time people considered wealthy, thought it a waste of money to buy chamental plants. Prequently orders and come to our office for seeds with

other bill or more enclosed, with heir intions to send flower seeds to some eighbor so the husband of the lady overing might not know that money was spent for such trifles. What exaration was finally made to that and of a man I never could imagine Probably the seeds were supposed to be a gift. Children brought up among flowers

may seem to take little notice of them out a deep impression is made and the flower gardens of the old home dwell in of a strip of zinc. the minds of those children through life. How many of these old gardens I have attempted to rehald for people

and keep it? It is the very last flower

trace the years of unceasing patient toll required to perfect many of our favorite flowers, and the work is still numbers stamped on them. It has been suggested that flowers

could live in dupouts if pecessary and growth of the trees. burn frame buildings for fuel, but these are hardly profinable views to take. For years the United States (Government has expended money lib. iske. For years the little separate last expended money libingle-long beautiful countries and or side shoots. The tree is
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the countries and paint the wound.

The side shoots must be cut every
the best of the countries and or side shoots. The tree is
to encourage the property countries
for and failure may have been partly
three or four standard sashes should
three or four standard sashe dies to check diseases of plants and AMERICAN NUT JOURNAL Rechester, N. Y. insecticides with which to combat the attacks of insects destructive

OLD BOOKS wanted on agriculture and plants. Finally, explorers have been horthodiure, particularly books that are cut of print and botton oppes of ald mages sent all over the world to seek new sines and periodicals on these subjects specimens to add to the beauty of our homes. Extensive gardens have been operated in different parts of the country for experimental purposes. and certainly after the constant disussion of the matter by Congress the Government cannot be charged with having spent millions of dollars on

non-essentials. The New York State College of Agriculture has a large class in floriculture colleges in other States, and the various States and the United States. Department of Agriculture issue & number of bulletins on floriculture, for which the demand is constantly in creasing.

To curtail on flowers to any great extent would mean that some varieties may be entirely lost and the result of many years of work destroyed. Some splendid things have been lost by lack

All will have trials and troubles ent size seeds. Makes absolutely enough without being deprived of the straight rows. The only practical joy of our flower gardens. And one of hand seeder. Weight, 1 ½ lbs. the chief pleasures of a flower garden rice \$2. Order at once and be sure its the opportunity it affords to make

FLOWER SHOW TO-DAY.

York will exhibit plants and flowers at the American Museum of Natural

FROZEN PLANTS.

Tender plants that have been exposed to frost should be handled carefully, thawing them out gradually. Sprinkling with cold water works well

Plants received from a distance in a frozen condition should be opened in a top is larger than the bottom and Any one who enjoys gather and cool cellar where the temperature is other receptacles were filled with has the time to care for a hothed or cool cellar where the temperature is other which soon froze solid. Hot cold frame will take great pleasure frozen condition should be opened in a only slightly above freezing, handling the plants carefully so as not to break the foliage and gradually forward into warmer temperature, permitting the frost to disappear before the usual

not be permitted to dry out at this see. son. Keep the soil in the pots moist.

Make plans for spring gerdening and decide what improvements it will Manure should be put in piles in be desirable to make about the sufficient size to prevent freezing.

they are not suffering from any cause.

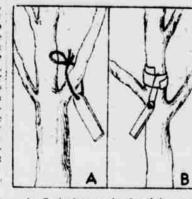
Plants in the window gardens during severe weather should be removed

February is the month for propagating by means of cuttings all kinds of soft wooded plants in the conservatory these strike root at this season readily. As fast as suitable growth is afforded

LABELLING TREES.

ping from a fruit journal. The article makes this suggestion: "Bore a small hole, preferably one-eighth of an inch Keep on, he says, with your gardens than once I have been criticised for in diameter, through the stem or trunk of the young tree at any desired height from the ground. Pull a six inch tain sufficient, the accumulations strand of No. 14 wire through the should be kept under cover from the pared to help beginners after the war knew flowers fatt to please an in- hole." The article then explains how wet and be overturned frequently to cherry, peach and plum respond is over because of experience gained valid, men or woman, and in many to fasten a German sliver or brass key check heating before it is needed. The readily, check, such as are sometimes used on hed may be sunk a foot or two in the

It is had practice to cut or injure lieg, why should we Americans give. The refining influence of flowers and the bark of any tree except in case of the frame which is used. up one of the most necessary pursuits ornamental plants is not appreciated absolute necessity. A good operator which ever conAmerican homes in the suburbs to-day would as soon think of horing a hole must be well tradden down to prevent are for the first set of isteral branches. through the leg of a calf or other ani- settling when finished, as this might represented by the lower shoots in the mal for the purpose of attaching an ruin the whole operation. Fermentaidentification tag as to think of un- tion soon starts, producing heat, necessarily wounding a tree. es well. There is scarcely a cottager changer dowering plants. I can re- wound weakens the trunk, invites the the frame warm, making the hothed men her when in cities like Newark, attacks of insects and disease and will really a miniature greenhouse,



an never wholly recover, and sooner that cause the rapid radiation of heat. or later the tree may break at that If the manure which projects outnever be, the old flower garden at point under the pressure of high side of the frame is banked up

to trees that is harmless is by narrow depth of three feet.

AGRICULTURAL WEEK AT TRENTON.

will be held in Trenton January 22 to 25.

have been prepared for dairymen, poultrymen, hog raisers, potato growers, orchardists, beekeepers, general farmers and housewives. Farmers from

Pennsylvania and all of New Jersey. should turn out and make this meeting a rousing success. When farmers get together they not only learn what others are doing but can assert themselves in a manner to be heard. is one way to let State and national demands are

ORDER SUPPLIES FOR THE

riculture is repeating the warning issued by THE SUN some time ago: is strongly advised that vege

spring requirements as far advanced as possible. Manufacturers of fertilteers, insecticides and garden implements are experiencing great difficulty in securing raw materials. The wilds are being worked to their maxinum capacity and the shortage of freight cars undoubtedly will become very serious toward spring. Under History from 1 to 5 P. M. to-day. Ad- these conditions it may be impossible to make prompt deliveries of freight. By placing early orders for necessary supplies and equipment delivery will more assured and delays and losses may be prevented."

> Farmers who have no pond or ply of ice this winter. Tanks, tube made of barrels sawed in half, so the water is poured on the outside and the blocks of ice then slip out easily. Icehouses have been hastily constructed, boarded up inside and outside, the studding and the space

While the ground is frosen is a good time to get manure, lime, muck, &c., into convenient places for spring work. Wood should be hauled from the wood lot while the hauling is good.

nmer. If it is painted, paint it

season is not going to be as good as of which was solid ice. Three terrific the average for crops. All the more rain storms have washed out into the reason for every farmer and gardener sewers practically all the valuable twigs as to suggest the compactness the best and let the others remain pullets on December 2, 1915. These left is not going to be as good as of which was solid ice. Three terrific with masses of this coral laden bush, the light, provided the pots are niled second. All the more rain storms have washed out into the twigs as to suggest the compactness the best and let the others remain pullets on December 2, 1915. These left until July 8, 1917. The eight Take a look at the dormant canna. gladioli and dahlia roots and see that

All pruning may be done in cold weather. No plants or tree will be mjared by pruning in cold weather. and this is good work to get out of the

HOTREDS AND COLD FRAMES.

way before a basier time arrives.

Vegetables of many kinds can be had three or four weeks earlier or more by sowing the seeds in a hotbed instead of waiting until they can be sown in the open ground. Tender annual plants can also be had in this manner for the flower garden.

A hothed is made by forming a preof fresh, strong horse manure three | feet high and at least a foot wider on all sides than the frame that is set on the pile to hold the covering of hotbed sash.

If it is necessry to collect the ma- grees, nure a load at a time in order to obshould be a foot longer each way than

The which keeps the soil and the air

Hothed sash are usually 3 feet wide and 6 feet long, so the frames are made this size for single such, 6x6 feet for two sash, 6x9 for three sash and 6x12 for four sash. Three or four each hotheds are commonly used though market gardeners use cold frames and hotbeds which may require twenty-five or more snahes.

The frame should be made of one inch plank or thicker and the front should be 15 to 18 inches high, with the back 24 inches high, giving the sash sufficient slant to properly shed water and to permit the sun's rays to strike the glass so most of the light and heat may be secured.

Have the front or lower side of the bed face south, and on the north there should be a wind break of some kind. A. Label attached with cord. either a building, such as a side of a B. Label attached by means barn, or if there is nothing else a f a strip of zinc. length of the bed or somewhat wider auss a blemish from which the tree to screen the hetbed from cold winds

winds, particularly when the tree has carth it will tend to confine the heat become older and more valuable.

brought me by a generous, sweet hitle on the branches so the branches will place in a few days, indicated by the seven-year-old girl last guturn: "You have ample room for growth. The tags escape of steam from the heap. Turn will put it right in water, won't you, can be numbered, all trees of the same it over and form into a pile again and kind having the same number. These a second fermentation will take place numbers are recorded in a book in two or three days. The manure is illustration. The upper should will three under his editorship and man- Experience indicates that the birds stands also tells you all about rubbits to As I look over my old horicultural which shows just what the trees are books, each to about 1600 A. D. I can The tags can be of durable wood, made being beaten down by the back of the leader must be picked off when ten illness ended his business career. light with the numbers pointed on fork as each forkful is thrown on the inches long; the lower ones may be them, or they can be of metal with the pile, spreading on thin layers, each of feeble or the bods intended to form which must be trodden down so as to them may not start. To secure their Another method of fasiening labels make the pile uniformly solid to a starting, cut a notch or nick just above

It has been suggested that flowers to trees that is marriage is the same and process the second year, treating the might be classed as non-essentials strips of zinc wound about the limb. Place the sames on the frames and process the second year, treating the might be classed we loosely so as to expand with the keep them closed until the heat rises upper shoot, which is to lengthen the four homes might be so classed; we loosely so as to expand with the keep them closed until the heat rises.

A thermometer plunged in the heating stem, as the one year tree had been two-thirds good loam.

This is drawn across a board with a straight edge, which acts as a marker. uniform depth and at an equal distance apart, therefore saving much of the tedious work of thinning out.

Care must be taken in clear weather to prevent the temperature rising to a point that will cause injury, giving plenty of air when the sun shines by moving the each slightly up or down elevating it a little at one end by placing a block of wood under it.

It is a good plan to keep a thermometer in the hotbed where the sun's rays will not strike it, keeping the operature in the shade as near 60 degrees as possible. When the temperature is higher than that point give sir; when below, as it will be on with straw mate or old carnets Water must be supplied occasionally, which should be done in the middle of the day when the bed is warm.

Cold frames are simply botheds without the heat supplied by means of the manure; the sun alone supplies the heat. Cold frames in the latitude of New York can be started in April and require much the same care as

By means of hotheds and cold frames, early lettuce and radishes may be had in abundance; eggplants, pepper, tomato, cabbage, cauliflower and celery plants can be raised for setting out in the garden. Young onlons and beets can be had early, sowing the reens by thinning out the plants, and esides early annuals such as asters verbenas, zinnias, &c., can be started stream near them have put in a sup- and perennials can be started that will flower the first season owing to their early start.

Any one who enjoys gardening and with either or both of these and will increase the length of the garden season, and the garden's productiveness very materially at a time when as far produce all the food possible for his own and for other families.

plants and reduces the size of the

Finish grapevine pruning in cold weather before the sap starts to flow

fertilizing matter in the manure, and of the seed upon an ear of corn. fore the frost is out of the ground, but one must seek and should be held responsible, and a very the had example for a city to set when its gladness. citizens have been asked to conomize.

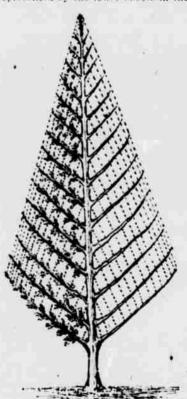
PYRAMID FRUIT TREES.

In Europe pruning fruit trees in the shape of pyramids is a common prac- multiflora, siderable skill.

The main stem should be perfectly

Pear trees are not difficult to train caproolata. in this manner, but the apple is just next to impossible; but the apricot,

The one year tres is cut off about ground if the soil is well drained and eighteen inches from the ground and seven or eight side shoots will spring up below this cut: the upper one is to



them in the spring. Repeat the

year, the upper ones the shortest and sush closed until the heat the lower ones the longest, the upper has warmed the soil well and then ones three inches and the lower eight walt, a day or two before sowing the inches, with intermediate lengths beseed, which is sown in drills about tween. The second year the new side across the bed. A handy implement ones were treated the previous year for this is the hand seed drill made and the lower ones cut back to within ing Company, Perry, Iowa, price \$2, and so in successive years until the seventh or eighth year.

When completed the tree will be sowing absolutely straight rows at a about seventeen feet high and nine feet in diameter at the bottom. The tree, however, must be vigorous and well cultivated to attain this size

SHRUBS FOR WINTER SHOW

To those who do not possess a conservatory nor employ a professional gardener the winter aspect of the gar- afraid of putting on too much manure. den is an important matter, Ordinariis It is made up of empty flower borders and leafless shrubbery done in brown under with a garden fork. Dig deep and gray. These shrubs yield one month's bloom and eleven of unintereating foliage and dry twigs. They have no right of existence in small has been turned under and worked in 500 pounds of grain to give the cor rely cold nights, cover the sash gardens. The spirmas, lilacs, deutzins, with the rake used in pulverizing the rect nutritive ratio, which is 1:48 et al. should be banished to the back top soil. fences, where they make screens and where their blooms can be cut for the bones (these should be ground up to Just as quick as corn prices drop it wases in their season and fully en- make them available as plant food) will be advisable to use more corn-

Their garden space should be occu- rich the soil. pied by evergreens that yield beautiful flowers in the spring and summer. brightly colored fruits and seed vessels fertilizer is put in the bill or drill in of a Government regulation limiting in winter and green foliage the year round. The rose border should be car- corn is treated in the same manner, of the scratch feed and prohibiting peted with evergreen trailers, like In small gardens chemical fertilizers the use of good milling wheat for viburnum horizontalls, Coum's hardy can be scattered along the rows after poultry feeding, cyclamen, creeping myrtle, phlox, sub- the plants are up and raked in, with Other mixture lata and other dwarf evergreens suit- good results. This plan, with some able to the locality.

from all corners of the world by our beets, turnips, onlons, cabbage, caulienterprising explorers. Our Christo- flower, eggplants and some other pher Columbus of the plant world, Mr. things will be benefited by this treatdebt of gratitude, has enriched our garden, flora with several hundred hardy plants most nurserymen, and their special editions of the horticultural en-cyclopædies or in the late garden magazines or books from the libraries. The most valuable class is the barberis in every form, bush, tree, but think at all. God bless the evergreen, deciduous, all flowering, flowers! They do not not fight. fruiting, some fragrant, all hardy. in the early spring. Late pruning fruiting, some fragrant, all hardy, causes "bleeding," which weakens the

all that remains, washed out straw. The evergreen hawthorn (pyracanon sheets of solid ice, will be raked up that, crategus pyracantha) is also as soon as the snow has gone and be- bright loveliness in a snowy world. This was pure waste of material and find enough winter beauty to transmen's labor at a time when we are form his dun colored garden to a suffering for labor and fertilizers, cheerful place where the birds will This was a crime, for which some one come, and a Christmas spirit will fill air and our hearts with joy and Evergreen climbers: Wilson's honey-

suckle and Henry's and Mackati evergreen elematis; Armand's and Evergreen Henry's, Sargent's and Wilson's, Cottoneaster: Frigida, adpressa, congesta, buxifolia, horizontalis. tice, and to do this well requires con- Evergreen berberris: Sargent's, Wilson's, Osborn's, Waller's, Knight's, Hooker's, Darwin, stenophylla, Dwarf hollies or flex: Verticellati osman- Jersey and New England where sheep straight, with the side branches ex-tending at an angle of about 45 de-Trifoliate orange. Add to this list boxwood, laureis, hellebore, bignonia capreolata, Susan P. Oakir.

Note.-Crategus pyracantha is a native of southern Europe and may not be hardy in the northern part of the United States.

ELIAS A. LONG.

with his brother in Buffalo, N. Y. in This is the request of Herbert Hoover experience. In my opinion one the flower business. His father, David, and the United States Agriculture well adopt a pen of here as it. courses of Peter Henderson in Jersey addition. The cost should be less than poultry flock, applying more stand to engage in the florist business. Later the firm of Long Bros. West of the cost of eggs ordinarily used. A few chickens can be raised also for the firm of Long Bros. was organized table use. Read up on the subject saving something and increasing and modern greenhouses built on and start a back yard chicken flock. Humboit Park, Buffalo, and soon after the Long brothers opened the first

Mr. Long was a ready writer, expressing himself clearly in few words. and was able to make outline drawings for illustrating his ideas. In 1873 he established a small publication called the American Florist, which was rerelyed with favor. Later the "Home Florist," a practical book on the subject, appeared, followed by "Orna-

In 1885 Mr. Long started a popular

1918 WAR GARDENS.

Those who dug up new ground for be in better shape this spring. First wood, sash plug or nail on this strip of all do not attempt to plant more will hold the window at any desired was more than could be properly camed ranged in this way to get the best cirmake gardens successful this year.

garden or a flower garden in a shady to be avoided if there is any other available place. Coarse gravel is unfit for a garden.

therally with coal ashes, the quanhe necessary depending on the charactor of the clay. The thicken and heavier the soil the more askes may used. Too many ashes are better then ten few. Turn these under with s garden fort and incorporate as proughly as possible with the clay.

of land to be worked, spread stable nanure, if it can be had, over the garden plot as soon as the ground can be manure or spread after the manure

Chicken manure, decayed leaves, old \$3.22 per 100 pounds of feed.

Chemical fertilizers are usually used at planting time and with potatoes the pounds in the scratch grain because which the potatoes are planted, and good results. This plan, with some be used where some of the above plants having a long growing season. grains are not available or to accom-We have now many plants of this can be repeated several times before the character that have been brought crop ripens. Peas, beans corn, potatocs, Wilson, to whom garden lovers owe a ment, as will the plants, in the flower

> Gardeners who falled in 1917 should a move. Many planted gardens last

SUBAN P. OKIE

There has never been a season when the shortage of good seed corn was on acute as this year. Little of the 1217 crop is ofit for seed. Purchase, seed and have it delivered at once.

without delay, to be delivered as soon as safe to ship without freezing.

wholesome food for children. It takes twenty sheep to produce the wool needed for one soldler's uniform, blankets, socks and other wool

equipments. There are not many re-

gions in New York, northern New

More than one farmer has been seen lately hauling a sledload of coal away from town to his home in the coun-

coal for which they had no substitute. Speed up poultry production on this A Long died at the home of his daughter in Sac City, Ia., in December, and do years.

farms and in back yards. This will absolutely my first experience in supply our tables with fresh ment and ing for hems it will be seen that years. For years Mr. Long was associated sent to France to feed our soldiers. long, was engaged in the nursery Department and all the State agricul- not in lieu of a meat eating business near Buffalo, and Elius be- ture departments. Two hens for each ame interested in horticulture at an member of the family can be kept in early age. On attaining his majority | the back yard from the table and satisfactory that I am starting

damp litter, close or impure air and cause time which would otherwithe presence of colds in the flock, with consequent low winter egg production. The body of the hen con-stantly gives off moisture, and this otherwise he wasted. The patriotican accumulates unless there is enough profitable work done by Mr. Luxur movement of the air to carry it away, can well be considered when discus-Gar- Dampness fosters colds, and when a lag the pros and cons of poultry keep cold is contracted the body is too ing. the kind at that time, which was sold weak to resist the attack of a contagious disease such as roup.

Windows should be removanight. and it was unavailing. He established his so that they can be taken out send 23 cents for an months trial subscribe Accipient Journal, which was con-i during the day if it is not storming. He are paper; sold so all good new are not in a draught, if they are kept | JOURNAL, Box 27, Indianapolis, Indiana working and if they are not overfed. Plenty of air may best be had by tilting windows in at the top, as this

will not let in the rain or put draughts METAL EGG CRATES a garden last year and met with fail- directly on the floor. There should be a ure should try again this year. The wide board at each edge of the win-land that was cultivated last year will dow to keep the ratu out; a strip of and than can be properly cultivated, angle. Both upper and lower sash, Perhaps the work laid out last year where there are two, should be ar-

Do not attempt to make a vegetable with dirt and are then useless. Where they are provided for a good grade of cheese cloth should be kept frequent brushing.

The Connecticut Agricultural College recommends the following ra-Heavy clay land should be covered tions, at prices based on January 1 quotations:

DRY MASK Middlings
Hominy

2.1

Total cost per 160 pounds, \$2.91 115.86 SCRATCH GRAIN. 17.40 3.55 4.53 2.20

Total cost per 100 pounds, 12.54.

ortion of 650 pounds of mash to each this proportion the cost will be

This ration must be fed in the pro-

must be eliminated. The wheat is cut down to fift

Other mixtures of feed may have modate home grown feed.

Start incubators early for broflers

SUCCESSFUL BACK YARD FLOCK.

Can an amateur successfully keep : that change the whole try again this year, first deciding on back yard flock of hens is the question often asked when discussions arise hardy and adaptable to our zone grow successfully, and then getting all concerning this latest movement for They may be obtained now from the information possible before making increasing the available food supply. Experience shows that a back vary features are explained in the late year and sought their information flock can be made a success under such conditions even though the owner has never handled chickens before, if a Since I have been living under the little time and effort are spent investi-Space is too limited to describe them Kaiser's gentle regime it is a wonder gating the proper methods for handling not only that I can write coherently,

Marshall Dawson, chaplain of the

Hatches Every Hatchable Egg BUCKEYE Incubator

WILLIAM BARTELS COMPANY Hudson Terminal Bidg-44 Cartlandt

pullets laid during the seven months which he kept them 774 cggs or an average of about 97 eggs per bird for the seven months. Due to the fact that Mr. Dawson was leaving for a

vacation, he was compelled to dispose of the birds before they had finished laying. Had it been possible to keep Potato seed should be purchased them he should have been able to make an even better record with his fock None of the hens died of disease Three were killed and caten, however Milk is the cheapest, best and most two because of accidents and one is cause of persistent broodiness. ured from the standpoint of their meat value these hers returned their me price. The five bens which were sole at the end of seven months were di-

posed of at the same price as war ne' for them. The total cost of feed for the partie the hens were kept was \$12, which covered the scratch grain, ment scrape. dry mash and shell necessary for the and garden refuse which were thrown them. Estimated at the conservation from town to his nome in the control of the control value of 40 cents a dozen the 774 egg. would be worth over \$25, or a net profe

Mr. Dawson says in regard to be first venture in poultry "When it is remembered that this ma should be able to improve upon we well adopt a pen of hens as the famome out on the credit side war times. Me first experience was methods of care and feedly a with a country's food supply by the instead of the poultry consuming

try on commercial plants consists & non-productive is utilized. Look

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DAIRY FARM PORK PRODUCTS with some.

HAMPER containing 25 quarts, eating apples, polatice, white and yelles turning and cabbage for \$1.55 anne are hamper of selected fancy eating apples \$2.56; full back, good quality and prompt shipment; tash with order preferred. MAEEL M. COBB. Denten. Maryland.

HONEY, Clover, 10 lb. pail, \$5.50; 1 galges can, \$2.55. Buckwheat, 10 lb. pail, \$2.50; 1 galges can, \$2.55. Buckwheat, 10 lb. pail, \$2.50; 1 galges can, \$2.55. Buckwheat, 10 lb. pail, \$2.50; 1 galges can, \$2.55. Buckwheat, 10 lb. pail, \$2.50; 1 galges can, \$2.55. Buckwheat, 10 lb. pail, \$2.50; 1 galges can, \$2.55. Buckwheat, 10 lb. pail, \$2.50; 1 galges can, \$2.55. Buckwheat, 10 lb. pail, \$2.50; 1 galges can, \$2.55. Buckwheat, \$2.50; 1 galges can, \$2.55.

work without further delay. Study

Keep pelargoniums near the light.

A Connecticut reader sends a clip-



We little realize how children become older and more valuable. their gardens. No flower over Markers on trees should be put on After the manure has been gathcost more than a little pansy that was with cords made in large loops, hung ered a lively fermentation will take

Never fasten labels to trees with material should register about 100 de- treated the previous year. Continue

The meeting arranged by the New Jersey State Agricultural Department two or three inches apart, running shoots are to be treated as the lower Programmes of especial interest by the Osmundson Spade Manufactur- eight inches of the previous year's cut.

other States are welcome. Farmers in this section, including southern New York, northeastern

GARDEN EARLY. The New York State College of Ag-

table growers should anticipate their

or straw. Set the icehouse where it will have good drainage and where it will be shaded from the sun in

not evergreen, is a most beauti- plant forcers.

flower store in Buffalo at 440 Main street, on November 20, 1872, which has been conducted latterly by a younger brother, Daniel B. Long.

mental Gardening for Americans." horticultural monthly, Popular Gar-dening, one of the best publications of to a competitor, who bought the publieation. word not to engage in that line again

Having decided on a proper amount The ordinary garden will stand dress - Barley ting evenly a foot deep. Turn this Wheat and pulverize the lumps in working Wood ashes can be put on with the

and everything of this sort helps en- meal and corn, but at present their nee

aspect of our gardens. They are what their soil and experience will afterward.

of about fifty varieties for investiga-tion and experiment. This will be manager, has removed to 37 Warren The Clocke Company, C. H. Allender found a profitable and delightful street. The Cloche Company is agent Good seed potatoes are likely to be The woods will supply laurel, and carries a complete line of trigascarce. Locate good seed and pur-chase early. Be careful that the seed arbutus. The flex verticiliata, while pots for seedlings and "Groquick"

VENTILATE POULTRY HOUSE. What Mr. Dawson has been able tanuary Eshmiary and March are the months that demand efficient poul-iry house ventilation if the stock is to one interested in this sort of he healthy and if egg production is to large part of the cost of hem in Proof of insufficient ventilation usu- labor and feed charges. 1200c ally is found in damp or frosted walls, eliminated in the back yard to

cation to do away with the rival publication to do away with the rival publication. Effort was made later to induce Mr. Long to take up horticulment and a few trials will show how tural writing but he had given his much to leave the windows open at his more to come in that line again.

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ones them up and makes If it does not do this fo and give you more eggs fempty packages and get you back. Packages 25c, and a 25-lb. pail, \$2.50; 100-lb. dru

ind your ponitry will be fre Per sale by all dealers to profit

Roup Remedy